

# PYTHON DATA SCIENTIST

## Data Scientist

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### SUMMARY

Experienced Data Scientist skilled in managing complex data in Python and R, identifying unique data sets, and building statistical analysis and financial modeling techniques. Seeking a challenging role in a leading Quantitative Hedge Fund to expand their data science and machine learning capabilities.

### EXPERIENCE

#### Data Scientist

**DataRobot** 📅 01/2017 - Present 📍 Boston MA

- Developed predictive models using PyTorch that improved accuracy by 11%
- Designed interactive dashboards in Tableau to visualize key performance indicators, leading to 23% improvement in decision-making processes
- Collaborated with cross-functional teams to define data-driven strategies, resulting in a \$253K increase in revenue
- Conducted A/B testing using Python and statistical methods, optimizing conversion rate by 18%

#### Junior Data Scientist

**Wayfair** 📅 01/2014 - 01/2017 📍 Boston

- Deployed machine learning models on AWS Lambda, improving response time by 2 hours
- Used spaCy for named entity recognition (NER) tasks, achieving an accuracy rate of 94%
- Extracted, transformed, and loaded (ETL) large datasets, resulting in a 31% reduction in processing time
- Created interactive dashboards using Matplotlib and Seaborn to communicate insights effectively

#### Research Assistant

**Massachusetts General Hospital**

📅 01/2012 - 01/2014 📍 Boston

- Analyzed large datasets using MySQL, improving data retrieval efficiency by 44%
- Utilized Auto-Sklearn to automate machine learning model selection, reducing modeling time by 2 hours
- Implemented version control using SVN, resulting in a 28% reduction in code conflicts
- Integrated data-driven insights into project strategies, leading to 31% improvements in project outcomes

### SKILLS

A/B Testing

AWS

AWS Lambda

ETL

Hadoop

Lambda

Machine Learning

Matplotlib

MySQL

Pandas

Python

PyTorch

Seaborn

Sklearn

Spacy

svn

Tableau

### EDUCATION

#### Bachelor of Science in Computer Science

**Massachusetts Institute of Technology**

📅 01/2012